

Vol. 150



No. 3 1/2 10
Soc. -
1000

University of San Palmar

June 3 1912

- ✓ 11649 Cassia 12 in fl. yellow -
along R.R. and
✓ 11650 Sug V. fl. white & blue
along R.R.
✓ 11651 S. shrub to 8 ft
Erythroxylum? dry thicket
✓ 11652 S. shrub 5 ft, twigs slender
dry thicket
✓ 11653 V. shrub, 6-8 ft
Brodiaea fl. blue dry thicket
✓ 11654 Comp. low in grass, 3 ft
6-8 in fl. white
✓ 11655 S. shrub, 6 ft trifol. leaf
fl. bright red dry thicket
✓ 11656 Comp. herb fl. blue
dry field
✓ 11657 Xyris? tall in wet grass
near pool
✓ 11658 Polygonum, fl. white
in shallow water

✓ 11659 *Portulaca*? Blue fls
in shallow water, Sagu

11660 *Myriophyllum*, submerged
fls yellow Sagu

✓ 11661 *Michauxia*, Fern alliv.

✓ fls floaty in shallow water

11662 *Sudwigia* in water 1 1/2-2 ft
in shallow water fls yellow

✓ 11663 *Sudwigia* floating in shallow
water, fls yellow submerged stem

✓ 11664 *Aquatic*, fls floating flat
on lvs, fls above, small, in shallow water

11665 Shrub 4-6 ft, *Psychotria*
fls in wet thicket

✓ 11666 Herb 12-18 in wet, fls
purple, damp thicket

✓ 11667 *Cassia*, shrub 6-10 ft
damp thicket

✓ 11668 Herb in damp thicket
fls w/ long bracts white

✓ 11669 Herb, 3-4 ft, fls white
wet, damp thicket

✓ 11670 *Solanum* 3-5 ft, fls
white fls bright red wet thicket

✓ 11671 Herb 2-3 ft, slender, in
wet thicket fls small white

✓ 11672 *Wikströmia*, herb, fls
fls white wet thicket

✓ 11673 *Guzmania* - Brown leaves
in swamp & side of stream

June 8

11674 *Oporosa*, shrub vine, 7-2 1/2
fls pink fields

✓ 11675 *Euphorbia*, weed
fields

✓ 11676 Vine, herb to 6 ft fls axillary
white dry thicket

✓ 11677 *Passiflora* semi-woody
vine 6-8 ft globe fls reddish black

✓ 11678 *Smilax*, woody vine many ft
fls black thicket

✓ 11679 *Asclep*, vine to 12 ft
fls 3 in long thicket

✓ 11680 *Urtica* vine, stinging
to 6 ft fls white thicket

✓ 11681 Herb, vine trifol leaf,
6-8 ft, fls greenish white thicket

✓ 11682 *Passiflora* woody many ft
fls to 2 in thicket

✓ 11683 *Asclep* vine, pubescent
fls greenish yellow 6-8 ft thicket

- 11684 ✓ Semi-woody grass weak
fls. white 7 clustered
- 11685 ✓ Weak shrub to 10 ft
fls. yellowish 12 black Thicket
- 11686 ✓ Woody vine, many feet
brown, lustre of fruit Thicket
- 11687 ✓ "Bauhinia" woody vine
to 10 ft Thicket
- 11688 ✓ Mistletoe, herb. vine, many
feet fls. white
- 11689 ✓ Shrub 3-5 ft. soft
fls. pink Thicket
- 11690 ✓ Clematis, woody vine
fragrant fls. white
- Jan 10 Las Palacios to
Prof Earl's Place, Torrance
across, Pine & Culpothrynx
Savanna
- 11691 ✓ Polygala to 12 in
fls. white moist Savanna
- 11692 ✓ Mikania 2 ft, fls. white to
pink by stream, Savanna
- 11693 ✓ Cratogeomys 12-18 in
yellow. in grass, Savanna
- 11694 ✓ Mimosa 2 ft, lanceolate
leaf. blue fls. small, Savanna

- 11695 ✓ Shrub 2 ft fls. white, fls. yellow
fruit red Savanna
- 11696 ✓ Mimosa roundish leaf.
fls. blue, small Savanna
- 11697 ✓ Pine, 30-40 ft, 3 spreading
in 3 leaf. sandy Savanna
- 11698 ✓ Fern, small, on ^{side} bank of deep
brook.
- 11699 ✓ Herb 1 ft fls. white
in grass by brook
- 11700 ✓ Rhoeo 1 ft, fls. pink
moist. Savanna
- 11701 ✓ Shrub to 6 in
small fls. white Savanna
- 11702 ✓ Xyris? fls. small yellow
damp Savanna
- 11703 ✓ Herb, fls. blue 6 in
damp grass
- 11704 ✓ Euphorbia 6-8 in
Savanna
- 11705 ✓ Eriophora small in leaf
moist path in Savanna
- 11706 ✓ Rhinchoeris
moist Savanna
- 11707 ✓ Herb 1 ft
fls. white Savanna

- 11708 Cyperaceae 4 ft
small compact, moist sacca
- 11709 white fl herb small 2-3 in
damp low spots
- 11710 fleshy herb 1-2 in
moist low spots
- 11711 Herb 2-4 in yellow
Gentianaceae? moist low spots
- 11712 Very small herb 1/2 in
moist places
- 11713 Cyperaceae 2-4 in filiform
leaf.
- 11714 Cyperaceae tall & slender
in water brook
- 11715 Pinn, fern 30-40 ft
fl. coarse on ground - 2 - leaf
- 11716 Anisura fern bank of
(shaded) Arroyo
- 11717 Comp 3-4 in fls white
shady bank of Arroyo
- 11718 Shrub 8 ft. terminal
fls whitish Arroyo bank
- 11719 weak shrub 4 ft
fls yellowish Arroyo - bank
- 11720 Shrub 6-8 ft
fls yellow Arroyo

- 11721 Shrub 4-6 ft - bright red
bank of Arroyo
- 11722 Melastomaceae 4 ft
fls purple, fls shrub bank of Arroyo
- Jan 11 Ternstroemia (Sarcocolla
south of Buf Esle, mostly along
small brook) to Paso Real
- 11723 Creeping Legume 18-24 in
fls purple, dry roadside
- 11724 Cyperaceae infl 5 shorter
than leaves
- 11725 Legume, no grass fls white
& pink roadside
- 11726 Shrub 12-18 in, mostly
under leaf.
- 11727 Xyris in clumps 12 in
small fls yellow sandy place
- 11728 Cyperaceae 1-2 ft
bracts straw colored sandy
- 11729 Ternstroemia Urticifolia fls purple
2 ft. - eggs of larvae in grass
- 11730 Creeping herb 1-6 in
in sand
- 11731 Pringlea broad leaves
very pale, fls white. bank of brook

11732 *Scaevola* herb, 5 ft, fol
succ. fls yellow dry grassy

11733 *Cuscuta* herb, as sand *Sesuvium*
fls bright blue

11734 Herb to 2 ft fls bracts white
bank of brook

11735 *Lewisia* fol red fls pink
on iron stone bank of brook

11736 Herb to 18 in fls white
Gerardia? moist land

11737 *Polygala* fls white

11738 Herb 1 ft, in water, aromatic
bracts small purple

11739 Grass, *Panicum*, narrow
leaf. edge of brook

11740 *Malvastrum* low shrub 1 ft
yellow, in grass

11741 *Panicum*, bractish leaf
edge of brook

11742 Grass 1 ft
dryish place

11743 Herb, comp. bracts white
1 ft in water

11744 *Cuscuta* herb, fls dark blue
on iron stone in bed of brook

Jan 11 P.M. from *Huachuca* (P)
Cortez Place, Arroyo to R.R. (V)
to Paso Real

11745 *Jacquinia* shrub 2-3 ft
along ft. light red dry soil

11746 *Stemodia* herb, 12-18 in fls blue
grass in savanna

11747 *Euphorbia* shrub to 18 in
grass in savanna

11748 *Evolvulus*? 18 in
grass in savanna

11749 *Gerardia*? 4 in fls pinkish
sandy moist savanna

11750 Comp, scape 6-8 in fls white
dry place

11751 *Sabiata*? scape to 1 ft
fls bluish dry iron gravel

11752 *Malvastrum*, shrub to 5 ft
br. thick fls white dry iron gravel

11753 Small shrub to 8 in
Houstonia? fls white dry iron gravel

11754 *Eugenia* shrub 4 ft
along bank of stream fls red

11755 *Gutierrezia* 18 in
dry savanna

11756 *Murlastom*, shrub 4 ft.
small frag. fl. white. by Anoyo

11757 *Croeping herb* ft. Bright
blue in shade of shrub by Anoyo

11758 *Saxonia* sp. fl. pink
our bushy along Anoyo

11759 "Deaco" shrub 2-8 ft.
fl. small black, along Anoyo

11760 shrub 5 ft. fl. white
near water

11761 Vine-like shrub 8 ft.
thick by Anoyo

11762 *Grape vine*, rusty woolly
tendrils on bushy by Anoyo

11763 shrub 5 ft. fl. black
thick by Anoyo

11764 *Murlastom*, soft shrub
4 ft. fl. white terminal

11765 shrub *Truma*? 5 ft.
thick along Anoyo

11766 *Murlastom*, very hairy
herb-like axillary fl. white

11767 *Malabar*, half shrubby
4-5 ft. fl. pink by Anoyo

11768 *Murlastom*, 4 ft. inf. red.
fl. white, ph. bluish

11769 *Truma*? 2 ft.
fl. red near Anoyo

11770 Fern, *Aspidium*
thick by Anoyo

11771 *Cithroxylum*, shrub 6 ft.
fl. light red, thick by Anoyo

11772 *Blachium* Fern
thick by Anoyo

11773 *Sygodium*
thick by Anoyo

11774 *Polygala* - pink
in sand,

11775 *Oxalis* fl. yellow
in sand

11776 *Sygodium* young
- edge of Anoyo

11777 *Ipom.* Vine 2-3 ft.
fl. light red sandy RR track

11778 *Jatropha* 18 in. narrow leaf
fl. pink along sandy RR track

11779 shrub 18 in. spreading
fl. yellow, sandy RR track

11780 *Pinguicula* along sandy
RR track, polyform fl. bl. blue

11781 *Ruellia* 5 in.
fl. blue
sandy RR track

- 11782 *Eriophorum* short leaf
moist sand, along RR
- ✓ 11783 Malpigh, creeping shrub
holly-like branch pink
- ✓ 11784 *Eriophorum*, long leaf
moist sand along RR
- ✓ 11785 *Malacton* suff. 4 ft along
silvery under wash fls white RR
- ✓ 11786 *Indacran*. moist sandy
place along RR track
- ✓ 11787 *Malactonacran* 4 ft
fls dark reddish along RR

Jan 15 Saguna & thickets
El Caimital Vie Palacios

- ✓ 11788 Herb 9-16 in fls white
moist border of Saguna
- ✓ 11789 Herb to 12 in fls yellow
pod smooth moist border of Saguna
- ✓ 11790 Herb to 12 in, pod rough
moist border of Saguna
- ✓ 11791 *Cyperus* 6 in
moist border
- ✓ 11792 *Cyperus* 6-10 in
moist border of Saguna

- 11793 Grass
moist border of Saguna
- ✓ 11794 Grass
moist border of Saguna
- ✓ 11795 Grass, *Spartina*?
moist border of Saguna
- ✓ 11796 Grass
moist border of Saguna
- ✓ 11797 *Scirpus*? 1.8 in
moist border of Saguna
- ✓ 11798 Floating aquatic
fls yellow, in Saguna
- ✓ 11799 Herb, spiny, fls blue
in water
- ✓ 11800 *Fimbristylis*
moist border of Saguna
- ✓ 11801 *Cyperus* Tall 3 & 4 ft
in water
- ✓ 11802 *Psychotria* shrub to 5 ft
pale red fls black moist border of Saguna
- ✓ 11803 *Convolvulacran* vine in
moist border of Saguna fls pink
- ✓ 11804 Grass
moist border of Saguna
- ✓ 11805 *Canina Indica* fls red
moist border of Saguna

11806 ✓ Grass
in orange grove

Jan 17 San Palao south to
to San Juan Zayas. sarama
& river thickets)

11807 Shrub 3-4 ft. Melastom
fls white, sarama just S. of San P.

11808 ✓ Aracera, creeping in
↑ top of Sabal. "Palma Caca"
(Thicket near San Juan de
Zayas)

11809 ✓ Melastom, 3-4 ft. fls elongated
reddish black sarama

11810 ✓ Tree spiny, 10-15 ft
Sytheraceae? fls pink, near water

11811 ✓ Shrub 8 ft. fls yellow
near water

11812 ✓ Cephalanthus 6-8 ft
near water

11813 ✓ "Coccolobias" Tree 15 ft
fls red near water

11814 ✓ Sug. Vine 10-12 ft
fls pink

11815 ✓ Shrub 10 ft
fls yellow near water

11816 ✓ Spiny Shrub, 11 ft
twigs light green us. fls. by water

11817 ✓ Tillandsia usneoides
on trees near water

11818 ✓ Small tree, 15 ft, axillary
fls white fragrant near water

11819 ✓ Tree 12 ft. small orange yellow
fls. near water

11820 ✓ Tree 15 ft. fragrant fls
white Thicket

11821 ✓ Small tree 15 ft
↑ inflorescence fls white Thicket

11822 ✓ Shrub 6 ft. fls large in
↑ Rubiaceae Thicket

11823 ✓ Mistletoe, on Coumuma
fls white

11824 ✓ Solanaceae Vine 10 ft
fls light red Thicket

11825 ✓ Parasite Tree Cissus
Jan 17 Thicket

San Juan de Zayas to San Gabriel
11826 ✓ Weed, spiny comp. sides
of trail

11827 ✓ Woody vine many feet
fls white, Thicket

- 11828 *Mimulus*, fl yellow
thick
- 11829 *Passiflora*, 6-8 ft
thick
fl oroid 1 in smooth yellow
- 11830 *Solanum* nigra?
fl white thick
- 11831 *Ruellia*? 2 ft. hairy
fl na fls white thick
- 11832 *Ipomoea* vicia. 2 ft
capsules thick
- 11833 *Croton* *condatus*
- 11834 Herb 8-10 in, reddish
most thick
- 11835 *Convolv.* vicia 6 ft
capsules thick
- 11836 Shrub to 8 ft
fl reddish black
- 11837 *Euphorbia* *Amurensis*
10 ft. buds. scar. thick
- 11838 *Pteranodon*? 12 ft
thick
- 11839 *Erigeron* tree 30 ft
fruit 3 in, very common in thick

- Jan 18th San Lorenzo
(over south coast) *Finca de la Catalina*
na. and near mouth of Rio San
Palacio
- 11840 Shrub to small tree 10 ft.
fls yellowish green, thick
- 11841 *Mimulus* in Braya (Elvay)
scar. dry, sarana
- 11842 *Eugenia*, round tree, shrub
10 ft fls yellow, thick near Rio
- 11843 Tree to 40 ft *Sapindus*
thick near Rio
- 11844 Tree fls yellow (Violaceae?)
4-6 in sarana
- 11845 Tree, 4-6 in fls bluish
in grass sarana
- 11846 *Polygala* pinkish fls.
scar. sarana
- 11847 *Gudwigia* 6 in
yellow sarana
- 11848 Hairy herb 6 in, yellow
sarana
- 11849 Tree (Chenopodiaceae?)
fls whitish, sarana
- 11850 *Cyperus*, small grass
sarana

11851 *Physalis*, 6-12 in. yellow
bunch over Saraca

(Finalis)

11852 *Euphorbia* 18 in. yellow
in grass. sandy Pinn

11853 Grass 2 ft.
in "salina"

11854 *Amarantus* creeping
in "salina"

11855 *Malv*? Herb 9-16 in.
yellowish in "salina"

11856 *Pulchra*? Herb 1-1 1/2 ft.
Herb in "salina"

11857 Herb 6 in. bright blue fl.
grassy Pinn land

11858 *Passiflora* 4-6 ft. red in
fl. smooth 1-1 1/4 in. globose, ^{in Pinn} ^{land} ^{scarce}

11859 *Chenopod*? Herb up
axillary, reddish in "salina"

11861 Vine to 3 ft. fls. bright
pink (Aparacra) Pinn land

11860 *Polypodium* fern
in top of *Copernicia* "guava
blanca"

11862 *Sesuvia* vine 3-6 ft.
fls. red Pinn land

11854 *Croton* *pleurotheca* *crispifolia*
X Bush, 3-4 in. 18-24 in. Pinn land

11853 *Crinum*, narrow leaf fl. white
sandy Pinn land

11855 *Sudwigia* 1 ft. to 1 1/2 m
yellow, sandy Pinn land

11856 Vine 3 ft. fleshy, globe fl.
1/3 in. black pedicel red, ^{sandy} ^{Pinn land}

11857 Pinn leaves to 75 ft. narrow X
18 in. thick diam. 3 leaf.

11858 *Epidendrum*.
or large tree

11859 *Polypodium* *incanum*
on tree

11870 *Araceae*, vine in top of
"Sabal" fl. red Saraca

Pm Vacinity of San Gabriel
(San Juan de Zayas to San G.)

11871 Stragling tree 10-20 ft. bark
white globular fruit brown, most thick

11872 Tree 20 ft. *Saurauera*.
fls. white most thick

11873 Herb, reddish
most red thick

11874 Creeping herb, leafy,
axillary white most thick

11896 *Pithecolobium* tree, 15 to 20 ft.
✓ fl. red, seed black, thick bark.

11897 *Adiantum*
by brook in shade

11898 Small tree 15 ft.
w. infl., thick bark

11899 Tree 12 ft axill fls.
whitish thick bark by stream

11900 *Vanilla* many fruit (10)
common in the cut by stream

11901 *Potamogeton* in water
swampy rising
part of Sierra

11902 Semi woody 8 ft, br. woolly
fls. yellow P. River bank

11903 Tree 30-40 ft, fls. white
(Palmaria) River bank

11904 Tall fern by creek side
5 ft.

11905 *Climatis* vine 10 ft
fls. silky thick bark by stream

11906 Live oak large spreading
tree up to 2 ft in diameter - 50 to 60

11 ft with an equal spread.

Sierra stream from the N. W. of San Rafael

by road up to State

11907 *Tillandsia*, silvery tree on
live oak

11908 Live oak, to 25 ft, narrow
leaf.

11909 Shrub 4-8 ft, tubular fls
yellow in oak woods

11910 Live oak fls. greenish
yellow, small tree, 20 ft.

11911 Shrub soft orate fl. bright
blue = 11909 oak woods

11912 *Tillandsia* - grass-like
on live oak

11913 *Solanum*, woolly shrub
6 ft, fl. globose fl. white thick bark in
oak woods

11914 *Tillandsia*? *crystallina*
in live oak

11915 *Tillandsia*? small smooth
on live oak

11916 *Mulleatum*, shrub to 10 ft
fls. white thick bark in oak woods

11917 *Opuntia* 3 ft in
thick bark in oak woods

11918 *Mulleatum*, shrub to 10 ft,
fl. l. purple, thick bark in oak woods

11919 Shrub 10 ft,
fls. white

State live, live oak woods

- 11920 Small tree 15 ft
no infl. Oak woods
- 11921 Shrub to 10 ft.
fl. globose red oak woods
- 11922 Wierd Shrub 10 ft
fl. dry yellow oak woods
- 11923 Orchid plant leaf on Lin.
Oak?
- 11924 Epidendrum
on Lim Oak Sim. Plant
- 11925 Small tree 10 ft fl.
white
- 11926 Shrub 2-4 ft pink
white fls. Pine hills
- 11927 Miconia. Tree to 15 ft
thick stiff leaf fls pink Pine hills
- 11928 Ericaceous Shrub 2-5 ft
fls white Pine hills
- 11929 Tree to 20 ft. buds rusty
thick
- 11930 Miconia. woolly rusty leaf
to 6 ft fls pink thick
- 11931 Shrub 5-6 ft. fls red
leaves of "Red Smith Catalpa"
- 11932 Urena 6 ft
herb. fls blue most thick

Shadblow like (thin bark wood) Shadblow like
Spartan (thin bark)

- 11933 *Desmodium* 20 ft. climbing.
fls. fragrant, white, limestone cliff
- 11934 *Cestrum* 6-8 ft., fls. white
fls. blue, 7 ft. high
- Jan. 27 Galapagos to San Pedro
del Caimito - across shrubby
pinchalls.
- 11935 *Evolvulus*? vine-like to 18 in fls.
light blue, in grass Pinchalls
- 11936 *Hedyotis* 1 ft.
fls. blue in grass Pinchalls
- 11937 *Sygodium*, thick mat, edge
of Pinchall
- 11938 Small fern by stream
in Pinchalls
- 11939 Creeping herb, fleshy fls.
light blue near by stream Pinchalls.
- 11940 *Melastoma*, shrub to 5 ft
fls. white, rocky side of Pinchalls
- 11941 Shrub 1-3 ft., fls. dark red to
black, rocky side of Pinchalls
- 11942 Fern fronds, to 5-10 ft., prostrate
4-5 ft., rocky ravines in pinchalls
- 11943 Spreading shrub 1-2 ft.
fls. yellow, among rocks, Pinchalls

Stalen - 1.507712 in a Pin on Billo

11944 ✓ Pin - tree to 73 ft. main Y 2 ft
thick - 2 leaf -

11945 Vassiniere, shrub 6-8 ft
fls white, fl. dark reddish ^{newly} ^{little} ^{side}

11946 Typhonium broad leaf, shrub
to 4 ft, fls 1 1/2 inches yellow, various

11947 Elvacharis in water in
ravine, Pin hills

11948 Symplocos, ravine
of Pin hills

11949 Myrica - shrub to 8 ft,
narrow leaf, by stream in Pin hills

11950 Shrub 3-6 ft fls pink
very sides of Pin hills

San Pedro del Cairato to

~~San Marcos~~, low limestone
wooded hills to near San Jose
de Sagua

11951 Shrub 4-6 ft

fls light red Thicket in woods

11952 orchid small

in woods

11953 Shrub 4-6 ft. fls pinkish
thicket in woods

11954 Sabice, 4 ft.
white bark, trail

11955 Fern - shaded river bank
Aurora

11956 Shrub 4-8 in. near river

11957 Orchid, flat pendulous leaves
on Royal palace track

11958 Orchid winged fruit, "bubb"
flat on tree

11959 Orchid fl. round no "bubb"

11960 Shrub 4-6 ft fls white
fls. blue Thicket

11961 Orchid fls. sparse

11962 Jatropha, large red fls.
5 ft. Thicket

11963 "Epidendrum coccineum"
fls yellow leaves

west of San Jose de Sagua
across serpentine and iron hills to
San Marcos

11964 Rubraerone Herb 2-3 ft
very abundant fls white base of hills

11965 Comp. herb, aromatic
by stream

San Jose de Sagua

Serpentine rock

- 11966 Shrub to 6 ft. fls pinkish
white, changing to blue, Scipuntu rock
- 11967 Herb. to 2 ft. tubular fls
yellow, on red iron ore
- 11968 Pine tall bare 100 ft x 1-2 ft.
trunk 3 in. narrow on iron ore
- 11969 Euphorbia crass shrub to 4 ft.
fls pink small leaf
- 11970 Semi-woody vine
fls white serpentine rock
- 11971 Euphorbia crass shrub to 6 ft.
fls white low, large iron ore by stream
- 11972 Aurinia (fern) by stream
on serpentine rock
- 11973 Shrub 1-2 ft. fls yellowish
scarce by stream on serpentine
- 11974 Comp. by water on
serpentine rock
- 11975 Marla stone 1 1/2-2 ft.
leaf small pine land
- 11976 Shrub 2-5 ft. fls bright
red on iron ore
- 11977 Shrub to 6 ft., silvery
leaved comp. serpentine rock

Jan 28 San Marcos
(Playa La Ventosa, thence) to Bahía
Honda

- 11978 Clusia straggling shrub
on low 12 ft woods, San Marcos
- 11979 Herb. comp dry grass by
roadside (near Las Posas)
- 11980 Shrub 4-5 ft forming dense
thicket fls orange colored
- 11981 Shrub 3-4 ft fls whitish

- 11982 Jatropha 3-4 ft
fls bright red
- 11983 Asclepias 1 1/2 ft by river
bank fls brown yellow

11984 Chara, densely covering large
pond - near San. M.

Jan 29 Bahía Honda across
Sierra mountains to Rosario

- 11985 Slender shrub 6-8 ft viscid
petals, thick on blue serpentine
- 11986 Shrub 4 ft. tubular fls yellow
thicket on Sierra Sierra

11987 *Adiantum*
near the river bank by trail

11988 *Pilea*, moist bank by
trail

11989 *Anura*, from 12-14 in
moist bank by

11990 ~~trail~~
4' shrub, *Acanthaceae* 1 ft.
fls red

11991 *Sag.*, vine fls yellow
over bushes trail side

11992 *Adiantum*, side of trail

11993 *Solanum* 2 ft. fruit
patches side of trail fls white fls green
light red

11994 *Adiantum* coarse
shady river stream bank

11995 *Melastom.*, herb-like
leaves 2 ft. fls white

11996 *Blechnum*
shady, moist bank by trail

11997 *Adiantum*
with *Cuscut.*

11998 "*Aspidium*"
side of trail

11999 *Psidium*, base of Royal
Palm, coming up Red San Miguel

12000 Shrub 1 ft. fls yellow
coming up Red San Miguel

12001 *Hydrocotyle* on wet soil fls yellow
coming up Red San Miguel

12002 Shrub 6-12 in, fls. early white
on rocks in stream, coming up Red San Miguel

12003 *Symplocarpus* red clay?
bank

12004 Forb. fern.
red clay bank

12005 Tree fern to 9 ft, fronds 2 ft.
long. red clay bank

12006 Grass, fls shining black
top of high hill

12007 Shrub or small tree fls. dark
red Top of high hill

12008 *Papilionaria* on trees
dense woods

12009 *Polypodium* fls. white
dense woods

12010 Creeping *Polypod*
on bushes dense woods

12011 Fern
dense woods

12012 Creeping *Polypod* (road
side) on trees in woods

- 12013 Shrub 3-4 ft
near Sun Shun
- 12014 Shrub 4-5 ft, eventually black
- 12015 Aster, on well at crossing
of Rio, plantlets
- 12016 Shrub 6-8 ft
by Rio
- 12017 Selaginella pendant on
rocky banks
- 12018 Herb, litoreous, under side
purplish, fls greenish (damp woods
among stones)
- 12019 Territorial Orchid, bright
red, in shade of woods
- 12020 Adiantum, large divisions
- 12021 Terr. orchid 6 in white
in dense shade
- 12022 Peperomia upper side of leaf
green, white beneath
- 12023 Smilax, woody vine many
ft, fl bright red rocky trail side
- 12024 Vernonia 6 ft herb-like
fls purplish
- 12025 Shrub 6 ft, fl white
terminal spikes
- 12026 Sugodum. narrowish leaf
segments dark under
- 12027 Vine, Solanum fls blue
side of trail
- 12028 Peperomia slender
- 12029 Psychotria 5 ft shrub
6-8 ft fls white fls black
- Jan 30 El Rosario to Las
Palacios
- 12030 Eupatorium 6 ft
white side of trail
- 12031 Solanum 6 ft
narrow leaf
- 12032 Desfontainia? lim rock
X cliff
- 12032 Vernonia 5-6 ft
fls blue side of sun wet trail
- 12034 Nephrolepis bulbous
lim rock cliff
- 12035 Adiantum
lim rock cliff
- 12036 Pteris? broad frond
lim rock cliff

- 12037 Small tree 15 ft
fls white
- 12038 *Pisonia* woody many fls
fls white
- 12039 *Ficus* spreading tree 50 x 50 ft
- 12040 *Pilea* red stem Sun rock in
Rio Taao Taao
- 12041 *Boliveria*, shrub? 7 1/2 ft
Rio Taao Taao
- 12042 *Acanthaceae* herb 6-12 in
fls white on rocks near Taao Taao
- 12043 *Asplenium* on Sun rock 2
crossing of Rio Taao Taao
- 12044 Shrub 3-4 ft, fls bright
red. crossing of R. Taao Taao

Feb 10 vicinity of
San Palacios, Prov. Pinar del
Rio

- 12045 *Amaranthaceae* weed
in Banana lands
- 12046 *Euphorbia* weed
herb 8-12 in fls pink

Cruz, Pinar del Rio
in vicinity of San Palacios Jan 1912

- 12047 *Euphorbia* on twigs on limestone
crag near Galalon 1/26/12
- 12048 *Marsippospora* damp Sun rock
crossing of R. Rio B. to El R. 1/29/12
- 12049 *Ficus* 3-4 ft El R.
crossing of Rio 1/29/12
- 12050 *Ficus*
near San Palacios Jan 3, 1912

Feb 11 with Bro Brown, to photo.

- Coprosma macrocarpa*
Juntas de la Yata, near
Guamabacoa Prov. of Habana
- 12051, *Coumestaceae*? bulbous along road
- 12052 *Croton*? shrub 4-6 in
fls white story place
- 12053 *Nicotiana* - shrub 3-4 ft
fls pink story place
- 12054 *Eugenia*, shrub to 5 ft
fls white thick near brook
- 12055 *Euphorbia* 1-2 ft
fls pink story place
- 12056 Herb 1-2 ft
roadside

12057 *Sour grass* - from plain

12058 *Croton triangularis*
on rocks & stone fence cilene

Feb 15 Vicinity of Sancti Spiritus

12059 *Polygala* flowers purple,
6-12 in in grass - dry hill

12060 *Sour grass* infl. red.
dry scrubby hill

12061 *Croton*, herb to 4 ft, along
Rio Payabo

12062 *Boltonia* herb to 3 ft along
Rio Payabo

12063 *Sour herb* 4 in. - Camp
fls yellow roadside

Feb 16 Vicinity of Sancti Spiritus
to Simstam
hill, west of town

12064 *Braaburya* narrow pointed
leaf 5 to 12 in fl. blue dry grass

12065 *Evolvulus* 3-6 in fls white
in dry grass

12066 *Croton*, fls pink
dry grass and

12067 *Ruellia tuberosa* herb
4-12 in fls bright blue

12068 *Ruellia* herb 4-6 in
fls white dry grass and

12069 *Cassia*, semi-stemby 1 ft
fls yellow dry roadside

12070 *Thunbergia*, white, vine
2-4 ft, common in field

12071 *Bidens* 1 ft, yellow
dry roadside

12072 *Pedunc.* complete
2-3 in yellow dry roadside

12073 *Grass* 12 in
dry roadside

12074 *Bur grass*, infl reddish
roadside

12075 *Leguminous* herb 4 in
fls brick red dry roadside

12076 *Silene* from
moist roadside bank

12077 *Castanea* shrub to 8 ft
fls white thicket

12078 *Piper* shrub 4-6 ft
thicket

12079 *Bidens* fls pink
roadside

- 12080 *S. ...* 14 ft
fla. whitish. Thicket on dry side
- 12081 *Cissampelos* vine 10 ft. flagellum
fl. black? Thicket on dry side
- 12082 *Pignonea* vine 10-20 ft.
Cephal. sim. rock thicket
- 12083 *Pisonia*? weak shrub 8 ft
fl. yellow sim. rock thicket
- 12084 *Papaya* tree to 20 ft
♂ sim. rock thicket
- 12085 *Polygalaceros* shrub to 10 ft
fl. purplish sim. rock thicket
- 12086 Small tree 15 ft
sim. rock thicket
- 12087 *Cestrum* shrub to 8 ft
fl. bluish sim. rock thicket
- 12088 *Subelia* *Chytanum*
moist roadside bank
- 12089 Street tree to 20 ft
trunk covered by thin stem thicket
- 12090 *Harissa*? upright to 6 ft
no infl seen on lower culms
- 12091 *Tillandsia* on limestone

- July 17 Variety of *Samanea* *Samanea*
s.w. toward *Samanea* *Samanea*
- 12092 *Ocotea* 12 in plant like
damp roadside
- 12093 *Mimosa*, shrub to 12 ft
Thicket
- 12094 Shrub to 10 ft. axillary fls
yellow Thicket
- 12095 *Mimosa*, tree? pod
dry thin Thicket
- 12096 *Tabernaemontana*? shrub
to 8 ft Thicket
- 12097 *Pisonia* shrub 5 ft
pulvisoid Thicket
- 12098 *Psychotria* shrub 5-7 ft
fl. red Thicket
- 12099 Grass 1-2 m infl, reddish
dry roadside
- 12100 Herb 3-6 in dry roadside
low flat places
- 12101 Creeping herb base of
Royal palm in shade by brook
- 12102 *Adiantum* stiff sharp
sediments shaded bank by brook
- 12103 Herb to 4 ft. *Asanthracium*?
fl. bright red shaded bank

12104 Shrub to 4 ft. fls bright red
by brook

12105 Tree to 30 ft.
fls. yellowish by brook

12106 *Blechnum* fern
shaded bank of brook

12107 *Marsippospermum* fern
shaded bank of brook

12108 *Aspidium*?
shaded bank of brook

12109 *Nitellon* or *Enagium*
fls yellow

12110 *Urtica* shrub to
5 ft. fls bluish thickets

12111 Soft shrub, 7 ft. 4 ft
wax-like thickets

12112 *Adiantum*
bank of a brook

12113 *Eupatorium* semi-woody
to 8 ft. white fls. fragrant thickets

12114 Tree 50 ft. spicate fls
yellowish by brook

12115 Tree - *Inga*? to 40 ft
profusely fruiting by brook

12116 Bamboo to 60 ft. by brook

12117 *Boraginaceae* broadish leaf
fls blue in grass

Feb 19 *Vil. Sancti Spiritus*, north
of town into low dry hills

12118 *Euphorbia* - creeping under
dry roadside

12119 Tall grass
erect roadside

12120 *Chloranthus*
6-12 in. green

12121 Sour grass
roadside

12122 *Ruellia* shrub
fls white roadside

12123 Sarg. Tree fls pink
used for fencing

12124 *Passiflora* shrub to 1 ft
fls blackish white, dry gravelly hill

12125 *Urtica* fern to 15 in
fls yellow dry gravelly hill

12126 Herb to 1 ft. fls blue
dry gravelly hill

12127 *Polygala* 4 in fls
bracts pink. dry gravelly hill

12128 Herb 3 to 5 in
fls white dry gravelly hill

12127 ✓ Herb 6-10 in
fls yellow

12130 ✓ Shrub to 4 ft.
fls yellow dry hill

12131 ✓ Creeping herbs
with fls whitish dry hill

12132 ✓ Small tree to 12 ft
fls globose yellow thicket

12133 ✓ Strymatophyllum
2 ft.

12134 ✓ Awoitia Shrub 3-4 ft
thicket

12135 ✓ Crassulac. tree to 20 ft
by brook
fls whitish or purplish

12136 ✓ Aspidium
shaded bank of brook

12137 ✓ Melastomaceae Shrub to 10 ft
large leaf bank of brook

12138 ✓ Saururus tree 20 ft
fls white bank of brook

12139 ✓ Grass
dry hill

Feb 20. Rio Sancho Spiritus
Beyond Loma la Cruz and
along Rio Yagabo

12140 ✓ Santalum Shrub 3-4 ft
fls orange yellow thicket

12141 ✓ Euphorbia 3-4 ft
roadside

12142 ✓ Convolv. vine
fringed over bushes

12143 ✓ Euphorbia 3-6 in
fls white roadside

12144 ✓ Acanthaceae Tree 1-2 ft
fls light red thickets

12145 ✓ Passiflora 4 ft.
glob. fls purplish black, thicket

12146 ✓ Psychotria 4-5 ft
fls white thicket

12147 ✓ Woody, minuscule vine
spray. many fls. Thicket

12148 ✓ Strymatophyllum
tree 3-4 ft yellow

12149 ✓ Woody Vine 5-8 ft
fls white roadside thicket

12150 ✓ Ipomoea yellow fls
thicket

12151 ✓ Woody Vine 15-20 ft
fls white thicket

12152 ✓ Grass roadside

- 12153 *Coussap.* *leptophylla* var. *leptophylla*
yellow along road
- 12154 *Coussap.* *leptophylla* var. *leptophylla*
fls white, along road in river
- 12155 *Scaevola* 3-4 ft. prostrate
along Rio Yagala

- 12156 *Hebe* 3-4 ft. 5 ft.
small fls white. River bank
- 12157 *Polygona* *imbricata*
fls white, prostrate
- 12158 *Pectis* *peruviana* 8 in
fls yellow in river
- 12159 *Palu* 6-10 ft. 10 ft.
dry field near river
- 12160 *Stem* 3 ft in river
on river, *Sydnora* ? fls purple
- 12161 *Thunbergia* *alata*, herb. river
fls light yellow

Feb 24 *Vie Sancti Spiritus*
along a near Tunas R.R. to
Rio Juliania

- 12162 *Mimosa* *leucocarpa* tree to 20
fls fls white roadside
- 12163 *Passiflora* *leucocarpa* ? Euphorb.
fls light fls white. Roadside
- 12164 *Croton* *leucocarpa*, very small
fls white on rock in river

- 12165 *Stem* 3-12 in. fls yellow
white on rock in river

- 12166 *Passiflora*
- 12167 *Apocynum* - dry field
- 12168 *Malpighia*, *Stem* 3 ft.
fls white, Palo Bravo, dry field
- 12169 *Ipomoea* *Uru* 2 ft.
dry capsules dry field
- 12170 *Sesuvium*, vine to 20 ft.
fls white thicker
- 12171 *Bignonia*, vine 15 ft, woody
big pale rough, dry thicker
- 12172 *Xanthoxylum* *Stem* 6-8 ft.
fls yellowish dry thicker
- 12173 *Passiflora* fls blue
over bushes
- 12174 *Water* *cross* fls white
scare, sandy river bank

Feb 27 *Sancti Spiritus* to *Banava Tille* -
Past *Banava* - *Su Seila* to *Pitajours* the
house of *Wm H. Harrison*

Banava to Rincon
12175 Tree to 50 ft. spreading
fls white "Mangrove"

12176 Tree 20 ft
fls. greenish white dry forest.

12177 Small tree
fls. black, dry thickets

12178 *Mistthiton* fls. white
on 12175

Pinson to La Siba

12179 Orchid, bright red
mostly on *Camradia* in *Coraja*
Sarana

12180 Tree 40 to 60 ft Sug -
in fruit dry hill

Feb 28 Pitajoune

12181 *Peperomia*
Tree trunk in woods

12182 Small tree, fls. whitish
Bitter aromatic - *Rubra*? woods

12183 *Mangrovia*? woody
vine may fork along river

12184 *Sinar*? *Polyd*
on rocks in shade

12185 Small tree among rocks
in shade

12186 *Adiantum* under side rock
Side of *Sana Sina*

12187 Grass very dry hill
Side of *Sana Sina*

12188 *Adiantum*,
Side of cliff

12189 Tree top of dry rock cliffs

12190 Branches - gray
on bushes, very top of *Sana Sina*

12191 *Taoua sians* shrub 6-8 ft
very top of *Sana Sina*

12192 *Polypodium falcatum*
very top of *Sana Sina*

12193 *Agave*, sheath 12-15 ft
leaf 14, green 3 ft in fl. white

12194 *Euphorbia* shrub 10 ft
3-12 ft, very milky latex fl. reddish

12195 Small tree 20 ft
among rocks top of *Sana Sina*

12196 *Citharaxylon* 10 ft
fls. white, fl. red very top of *Sana Sina*

12197 *Crall* - *Androm* spiny tree
to 25 ft 6 in. leaves dark fl. red

12198 *Garcia*, broad leaf
among rocks top of *Sana Sina*

12199 *Croton* 3-6 ft
fls. white among rocks top of *Sana Sina*

12200 Euphorbiaeae trunk 12 ft.
wet top of dense bushes

12201 Zingiberaceae plant
up a separate small tree ^{high} ^{moor}

12202 Adiantum coarse
wet woods

12203 Polypodium, small thin
on rocks in shade

12204 Adiantum
wet woods

12205 Orchid, small on tree
trunk wet woods

12206 Fern Pteris?
rocks

12207 Orchid fls small bluish
yellow, on shaded rocks

12208 Marigold fern
among rocks

12209 Orchid fls sessile at
base of branch, shaded rocks

12210 Overhanging Polypod
shaded rocks & bushes

12211 Psilotum?
among rocks

12212 Terrestrial orchid, prostrate
of soil among rocks, fls whitish

12213 Ompelopsis, top of dry hill
among rocks among

12214 Orchid

12215 orchid tree trunk,
yellowish

12216 Triangular fern,
thin leaf

12217 Asplenium on rocks
in shade

12218 Anemone? narrow leaf
wet sunny rocks

12219 Adiantum,
dryish

Feb 29 Pitajours & Cirgos de
Ponciano

12220 Exoetia 3-4 ft
along Rio Huamassa

12221 Adiantum, thin leaf
rocks along Rio Huamassa

12222 Piper 4-6 ft
along Rio Huamassa

12223 Shrub - 4-6 ft fls
light red along Rio . . .

12224 *Yucca* near shore
3-5 ft. well in *Rubus*

12225 *Grass*
✓ wet place Rio U.

12226 *Palm*
✓ well in Rio U.

12227 *Rubus* *leucophyllus*
✓ along Rio U. on rocks

12228 *Cyperaceae*
✓ wet rocks in R. U.

12229 *Selaginella*
✓ rocks by Rio U. near shore

12230 *Cinnam.* fl. white
✓ among rocks by river

12231 *Woody Vinn.* many fruit
✓ roadside fl. 3-4 in. yellow

12232 *Tree* to 40 ft
✓ fl. purple woods

12233 *Shrub* 4-6 ft
✓ fl. globose red, fl. white woods

12234 *Fern.* *Saur.*
on *Manaca* Palm woods

12235 *Shrub* 4-5 ft
fl. red woods

12236 *Vitis*. *Vinn.* many fruit
X 2 in. stem woods

12237 *Sphegnodes* *cochlearium*
✓ pond. in woods

12238 *Polypodium* *incanum*
✓ on log in woods

12239 *Cirrip.* *Polypodium*
on trunk

12240 *Shrub* 5 ft. fls. white
✓ Jocky Woods

12241 *Woody Vinn.* fl. purplish
"Ortega" thick

12242 *Shrub* to 6 ft. fl. 3-4 in. long
"Pitejoun" in rich woods

12243 *Anemone*. *herm.*
under rock, near pool

12244 *Herb* *Urticaceae* fl. white
damp rocks in woods

12245 *Begonia*. fl.
camp limestone rocks

12246 *Fern.* *harm.*
damp rocks

12247 *Polypod.*
damp rocks

12248 *Fern.* *scalloped*
on rocks

12249 *Fern.*

12250 ✓ Fern small thin leaf

12251 ✓ Elongated Adiantum

12252 ✓ Fern, thin leaf

12253 ✓ Peperomia
broad leaf

12254 ✓ Low shrub to 12 in
rocks in Water

12255 ✓ Peperomia
over rocks

12256 ✓ Small orchid
on tree trunk

12257 ✓ Small orchid on tree trunk
pink skin & seed

12258 ✓ Small orchid fl. pale blue
tree trunk

12259 ✓ Woolly Herb. pinkish fls
base of cliff

12260 ✓ Shrub 6-8 ft fl. white
base of cliff

12261 ✓ Juglans tree 100 x
3 ft. fruit at ground
very full side

March! Pitagoras mostly
in mountain forests

12262 ✓ Tree 30 ft, sharp pointed
leaf fls white (last) by river

12263 ✓ Vine "Pica Pica" 6-10 ft

12264 ✓ Fern
river bank

12265 ✓ Asclepias urvix
white, river bank

12266 ✓ Comp. Herb. 1 ft fl. pink
Uncasassa, river bank

12267 ✓ Orchid fl. yellow

12268 ✓ Nerlston shrub 4-6 ft
white thick

12269 ✓ Brag. Vine many feet
fragrant fls white thick

12270 ✓ Sinner, woods
fls white fragrant

12271 ✓ Brown leaf thin leaf
tree in woods

12272 ✓ Camochadum "Saw"
tree to 15 ft

12273 *Tournefortia* Shrub 6 ft
fls white

12274 Palm to 10 ft, no inf
✓ in thickets, sft leaf.

12275 Tree to 18 ft fls white
woods

12276 Tree? Shrub
fls red thickets

12277 Croton 3-6 ft
fls white Thicket

12278 Convolv. Vine fls
th. blue Thicket

12279 Asclep Vine
Hegmunk Thicket

12280 Small tree, Cordia?
fls th. red

12281 Santalum? 3 ft
fls white dry thicket

12282 Umbelliferous shrub 3 ft
very woolly dry stony hill

12283 Shrub 4-5 ft
capsules dry stony hill

12284 Coccolaryx to 25 ft
Palm fls purple red dry stony hill

12285 Sygodium
over thicket

12286 Vine, *Centropogon* plant
fls angular over thicket

March 2 along ^{Rio} Unamassa
Pitaguara

12287 Tree to 60 ft Leguminous
seed brown, woods

12288 *Urticaceae* Shrub to 12 ft
petals red fls white, woods

12289 Big Bean, woody vine
1 1/2 x 20 ft x 6 in. Low woods

12290 Bromellad

12291 Shrub 3-5 ft, under shrub
fls bright red Woods

12292 *Phyllanthus* Tree
scarce in woods

12293 *Psychotria* 6 ft
fls white, thick leaf.

12294 Woody 5 ft x 1 1/2 in
fruit.

12295 *Asplenium* small
ly near

12296 Herb 6 in fls white
ly near

12297 *Cycas*, white
rim bank

12298 From *Aspidium*?
by rim bank

12299. *Arachnoid* tree
20 ft. woods

Wk 3 From Sa Seila
to "Rincon"

12300 "Sabien" tree to 50 ft.
sugarcane, open woods

12301 *Xanthoxylum* tree to
50 ft. trunk sparingly spiny, woods

12302 *Sag.* tree, fls. pink
to 50 ft. open woods

12303 Spreading tree to 15 ft.
fls. yellow Corjo Sarana

12304 Shrub to 10 ft.
Corjo Sarana

12305 *Conocladium* shrub to
20 ft. Corjo Sarana

Rincon to Banao

12306 Shrub to 5 ft.
fls. white Cordia

12307 Tree to 60 ft.
fls. white, waxy, smooth

12308 Spreading tree to 50 ft.
fls. white Cordia?

12309 Tree to 40 ft.
fls. white woods

12310 Small tree to 35 ft.
axill. fls. yellow fragrant & g. & w.

12311 *Paritum*? Spreading
tree to 50 ft.

12312 Slender tree 40 ft. scattered
fls. yellow.

12313 *Wistriton* fl., black

12314 Tree to 30 ft., twigs strongly
aromatic, used for fences

12315 Shrub or small tree to 15 ft.
axill. fls. whitish-aromatic &
Bitter

12316 Tree to 40 ft.
edge of woods

12317 Slender tree to 30 ft.
just in the edge of woods

12318 Shrub - "wadsed" fls.
white abundantly "escaped"
at Banao.

- 12319 *Bromelads*
 tree to 10 ft blue tree
 overhangs Rio de Janeiro
- 12320 *Bromelads*, gray or
 brownish in Rio de Janeiro
- 12321 Small tree to 15 ft
 fl reddish dry thicket
- 12322 *Bromelads* *crystallum*
 on tree trunks
- 12323 woolly grass, near
 Manassas River
- 12324 *Crypt* "
- 12324a " "
- 12325 " "

March 8-10 Vacinity of
Manzanillo
 Hill back of town

- 12326 Spiny shrub to 5 ft
 fl whitish dry thicket
- 12327 *Urceolif* vine 2-4 ft
 fls blue, dry thicket
- 12328 Sug herb, *Cracca*?
 1 1/2 - 2 ft, fls bluish dry bank
- 12329 Spiny shrub to 5 ft
 fls whitish = 12326

- 12330 Soft, shrub 7 1/2 ft
 fruit fleshy red dry thicket
- 12331 Comp. 3-5 ft herb
 fls yellow dry thicket
- 12332 Comp
 leaves white moist ground
- 12333 *Cropony* herb, fls white
 white moist ground
- 12334 *Heliotropis*, woolly herb
 to 1 ft, fls white moist ground
- 12335 *Brachyura* 3-5 ft
 fls pink Thicket
- 12336 *Bignone*, vine 6-10 ft
 fls white, throat yellow thicket
- 12337 *Ficus* - tree 30 ft
 fl 1/2 in reddish Roadside
- March 11 with *Aracinnis*
 Swamp north of town (Manzanillo)
- 12338 *Sinuan* *Craund* *Aquatic*
 fls whitish mostly under water
- 12339 "*Portulaca*" herb in
 water fls blue, ditch
- 12340 *Urtic* herb, *Scippia*?
 fls black white
- 12341 *Chenopodiaceae* herb
 infl. reddish with *Cand*

March 12 Vieques Manzanillo
Road along water front
south of town

- 12342 Herb. bush Acaoua
4 ft. fls yellow dry roadside
12343 Shrub 3 ft. woody
fls yellow roadside
12344 Grass

12345 Comp herb; aromatic
fls bluish roadside

12346 Strict shrub to 10 ft
fls globular black thick

12347 Casapinaea shrub to
8 ft. fls noddy thick

12348 Scyrimia 4 ft. small
Bry. over bushes in thick

12349 Small tree to 12 ft
on beach

12350 Weak shrub to 10 ft
fls axillary on beach

12351 Leg. Vine Canavalia
fls brown on beach

12352 Malpigh. Stigmaphyllon
vine to 6 ft yellow

12353 Shrub 2-3 ft fls white
on beach

12354 Cordia ? shrub to 10 ft
fls red on beach

12355 Convolv. vine 3-6 ft
capsules thick on beach

12356 Amaranthaceae, creeping
fls white

March 13 Yarra & Manzanillo

12357 Oncidium on "Ebony"
fls ch yellow dry barana

12358 Solanum 4-6 ft
fls white along R.R.

12359 Malvaceae 3 ft
along R.R.

12360 Herb. 2-4 ft. spring
fls blue in ditch

12361 Malvaceae 3-5 ft
daisy yellow near R.R.

12362 Mimosaceae: herb. to
10 ft. base swollen fls yellow, in water

12363 Cucurbit. Vine
fls over the wet

12364 Cassia Tree to 20 ft
thick close to swamp

12365 Orchid, on ~~Amara~~
overhanging swamp

12366 Bromellad gray
on Amara overhanging Swamp

12367 Comp 3-6 in flat on
ground, yellow, waxy side

12368 Soft shrub? 4-5 ft
fl red fls white

12369 Mistletoe yellow
on branch on Ebony? Savanna

12370 Shrub upright to 10 ft
fl black, dry thickets

12371 Xyrtroxyllum Shrub
to 10 ft, very thickets

12372 Ruella tuberosa
yellow scarce Savanna

12373 Soft Shrub 4-6 ft,
fls white dry thickets

12374 Small tree 20 ft. or
as shrub, fls yellow ^{dry} Savanna

12375 Tamarixia 4 ft
dry thickets in Savanna

12376 Polygalaceae Shrub
8 ft, purplish fls thickets

12377 Orchid flat leaf
on tree by swamp.

12378 Orchid, fls. reddish
on tree in Savanna

12379 Tree to 25 ft., fls 3 in
greenish yellow, fls dry Savanna ^{thickets}

12380 Polyporus ~~not fungus on~~
logs

March 15 Rio Bayamo

12381 Urea, Tree fls purplish
blue, shrub of Bayamo

12382 Bahaavia? weak herb
fls, purplish shrub of Bayamo

12383 Shrub to 8 ft
with fls white roadside S. of town

12384 Tuberosa Shrub 6-8 ft
fls white fragrant, by brook

12385 Borag, Vine like, fls white
roadside over bushes

12386 Low Grass, grassy
bank of Rio Bayamo

12387 Cyperaceae moist bank
of Rio Bayamo

12388 Eriochloa? moist
bank of Rio Bayamo

Nicholas Bay area
Orinolu

- 12389 Cassia, spiny shrub to 6 ft, along RR fls yellow
- 12390 Comp shrub 6 in fls yellow along RR
- 12391 Cassia to 10 ft fls yellow Thickets
- 12392 Comp. shrub 15 in fls white along ditch
- 12394 Grass along RR
- 12395 Comp. scape 5-9 in white Savanna
- 12396 Herb 9-15 in fls blue Savanna
- 12397 Sabicea fls blue Annual 4-9 in Savanna
- 12398 Herb 15 in Savanna
- 12399 Polygala fls ch. bluish Savanna
- 12400 Small shrub to 8 ft fls yellow fls white Thicket
- 12401 Shrub 6 ft, fls white open woods

- 12402 Croton 6 ft fls white open woods
- 12403 Mistletoe fls yellow on Eucalyptus? woods

March 21st

San Juan Hill and River Valley, Vic Santiago Orinolu

- 12404 Cassia 7 to 20 ft fls yellow, very common, roadside & Pasture
- 12405 Acacia? spreading tree to 20 ft, fruit ballish roadside
- 12406 Cordia tree 12-40 ft fls white very common roadside & fields fls cream
- 12407 Shrub, to 4 ft on soft rock excavations roadside
- 12408 Acaulthrus? shrub 1 ft-3 ft fls red roadside Thicket
- 12409 Croton? shrub to 3 ft fls white, dry bank
- 12410 Ipomoea? vine to 10 ft fls white
- 12411 Urat shrub, with fls white wood, moist places
- 12412 Thunbergia capensis tree to 75 ft very abundantly naturalized along river

12413 ✓ Shrub 10-12 ft. fl. red
near Lickito

12414 Malacrous herb 3 ft
yellow river bank

12415 ✓ Chara
in river

12416 ✓ Cyperus alternifolius? 4 ft
river bank

12417 ✓ Shrub to 15 ft.
fls. white, dryish thick

12418 ✓ Scitophloeum 12 ft.
yellow, dry thick

12419 ✓ Ipomoea vine 6-8 ft
fls. small white thick

12420 ✓ Tree to 35 ft fls. white
Sour ground, Munroa

12421 ✓ Scirpus woody vine to 20 ft.
fls. white ft. green, low thick

12422 ✓ Tournefortia, vine like
8-10 ft. fls. white thick

12423 ✓ Tillandsia small grass
on moss low bank

12424 ✓ Small tree 10-12 ft
woolly top, fls. white, thick

12425 ✓ Creeping shrub 2-3 ft
fls. white dry thick

12426 Cedrela tree 40 ft
in fruit St. Juan Hill

12427 Yucca + tropae weed 2 ft
fls. white

12428 Ruina, 2 ft fls. white
fl. red weed

12429 Agave in St. Juan river

12430 Agave do

12431 Agave "

Vie Bolguin Apr 4.

12432 Cactus dry hill

12433 Koeberlinia, shrub
6 ft. dry hill side

12434 Jacaranda shrub
to 6 ft. fls. bright blue, dry hill





Conservation work performed
1987-1988. NY State
Conservation/Preservation
Discretionary Grant.



JALME SERVIÁ,
MANAGER.

FERROCARRIL DE CUBA
HOTEL ANTILLA,
ANTILLA, CUBA.

April 6 1912

My Love 2r Buttan

Got in here with
plunder OK, found Cactus at
Holguin after a good hard search
for it it seems to be extremely local
and rather scarce.

Recd your letters also
my last number is . 12434
(12434)

Boat is just in and
will probably get out on time
With regards to all

Sincerely

J. A. Steyer